



LOOKING BACK,
MOVING FORWARD.

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Brandt, USOE Grant Director**

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UDA Defined





Utah Data Alliance (UDA) is a:

multi-agency, comprehensive data system to. . .

- **enable examination** of educational progress and outcomes. . .
 - **longitudinally** from childhood and K12 through postsecondary and into the workforce for. . .
 - **measuring** program success and **identifying** better practices and policies.
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Multi-agency

Higher
Education

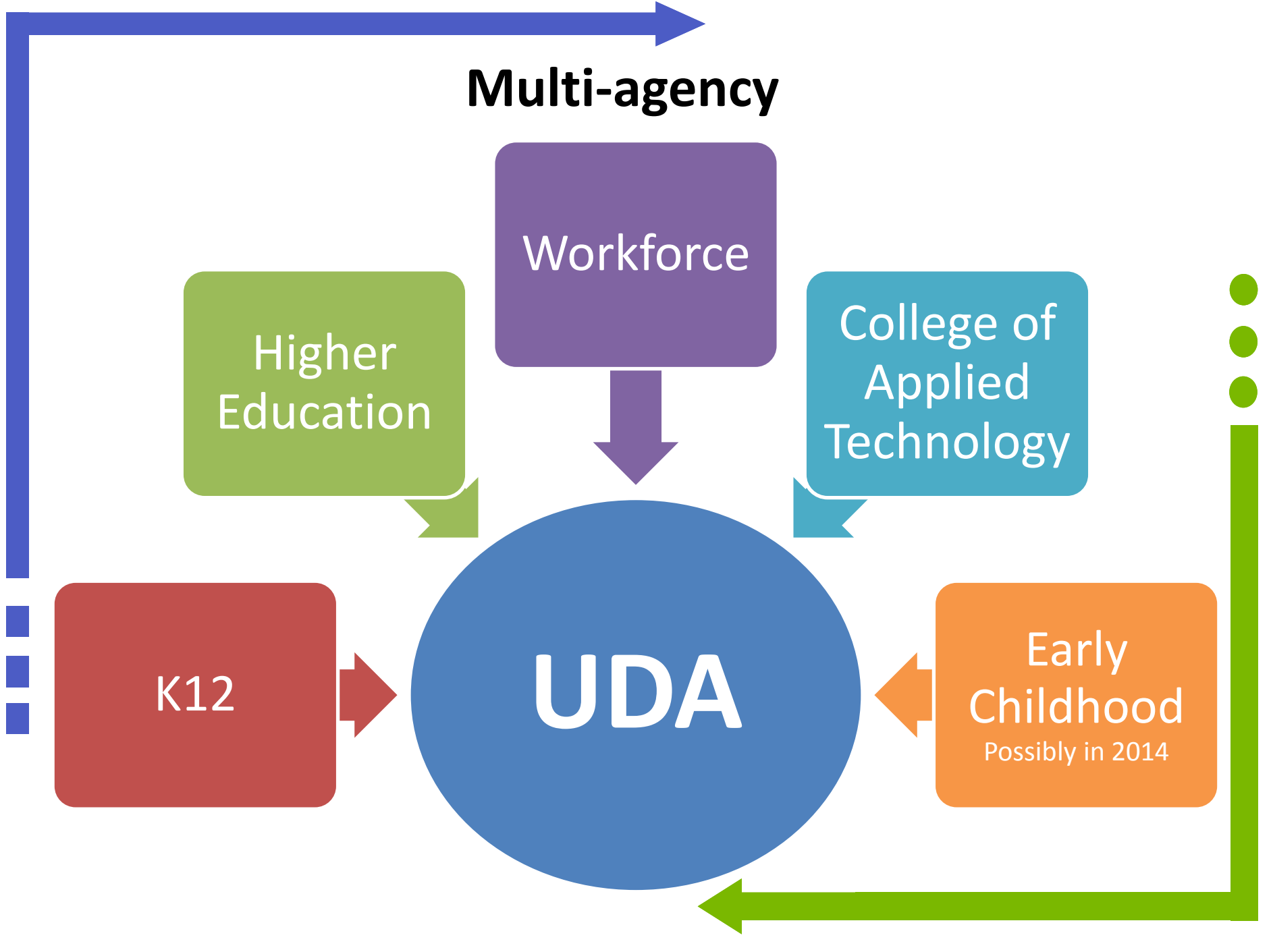
Workforce

College of
Applied
Technology

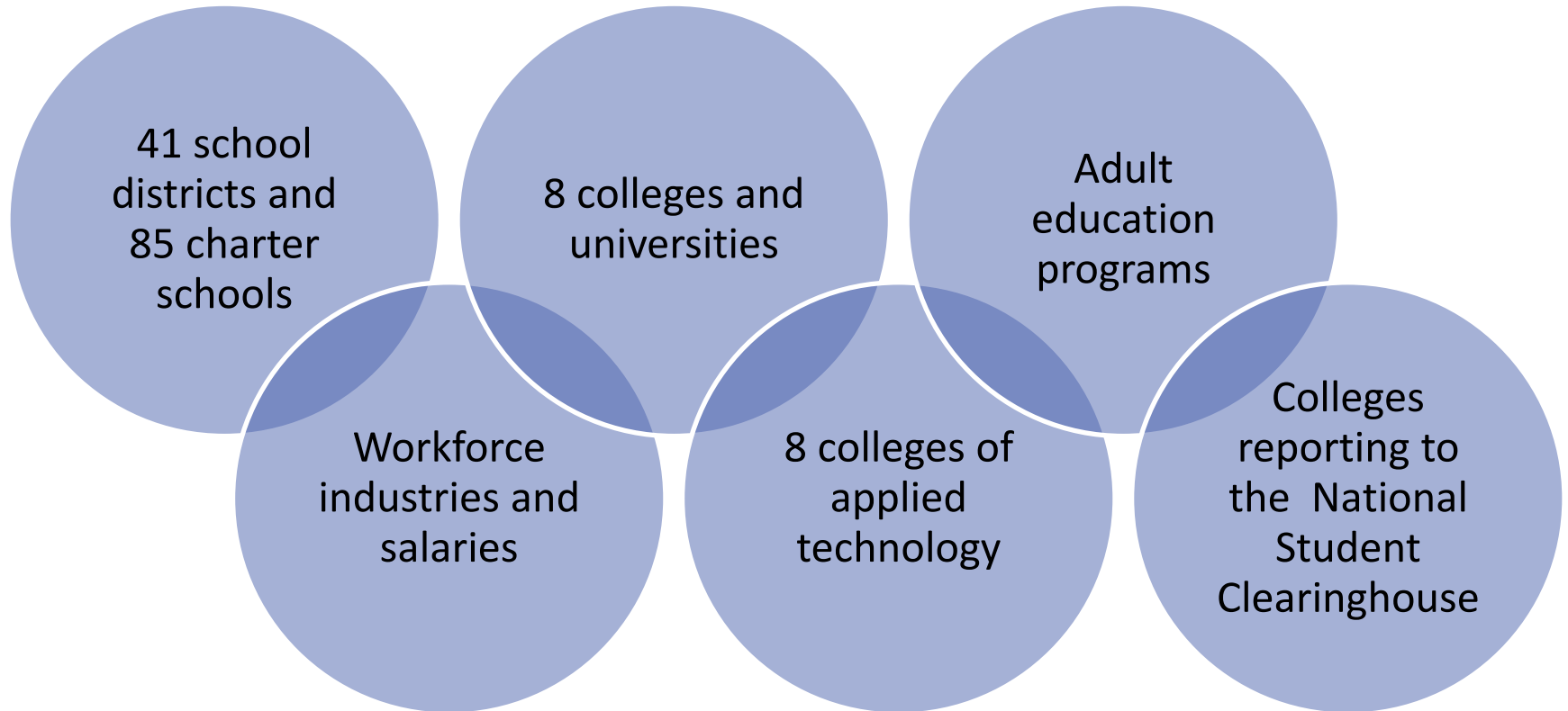
K12

UDA

Early
Childhood
Possibly in 2014



Comprehensive



Longitudinal

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graph LR; A[Early Childhood  
(possibly 2014)] --> B[K-12 Education]; B --> C[Post-Secondary Education,  
including Applied Technology]; C --> D[Workforce];
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Early Childhood
(possibly 2014)

K-12 Education

Post-Secondary
Education,
including
Applied
Technology

Workforce




UDA Background





UDA - Timeline

- **2005** First SLDS grants awarded (Utah did not receive a grant)
 - **2007** Utah receives SLDS grant to develop UTREx to improve K12 data statewide
 - **2010** Utah receives SLDS grant to develop UDA to improve multi-agency data and use
 - **2013** UDA completes **Phase I** – UDA data warehouse
 - **2013** Utah is granted a one-year no-cost extension through June 2014 to use residual funds to complete **Phase II** – UDA partners expand analysis, research and reporting using the UDA warehouse data
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UDA Board

The UDA Board is comprised of heads of the following partners:

Data-providing, analysis, research and reporting partners

- **Utah State Office of Education**
- **Utah System of Higher Education**
- **Utah College of Applied Technology**
- **Department of Workforce Services**

Service providing partners

- **Utah Education Policy Center**
(analysis, research, data quality, and coordination)
- **Utah Education Network**
(data warehouse maintenance, support and enhancements)

A diagram featuring a blue L-shaped arrow pointing right and down, a green L-shaped arrow pointing left and up, and a vertical green line with three dots on the right side.

UDA Value



UDA – Value Statements



The UDA provides efficient, reliable and secure access to quality multi-agency and multi-year data for timely reporting, analysis and research.



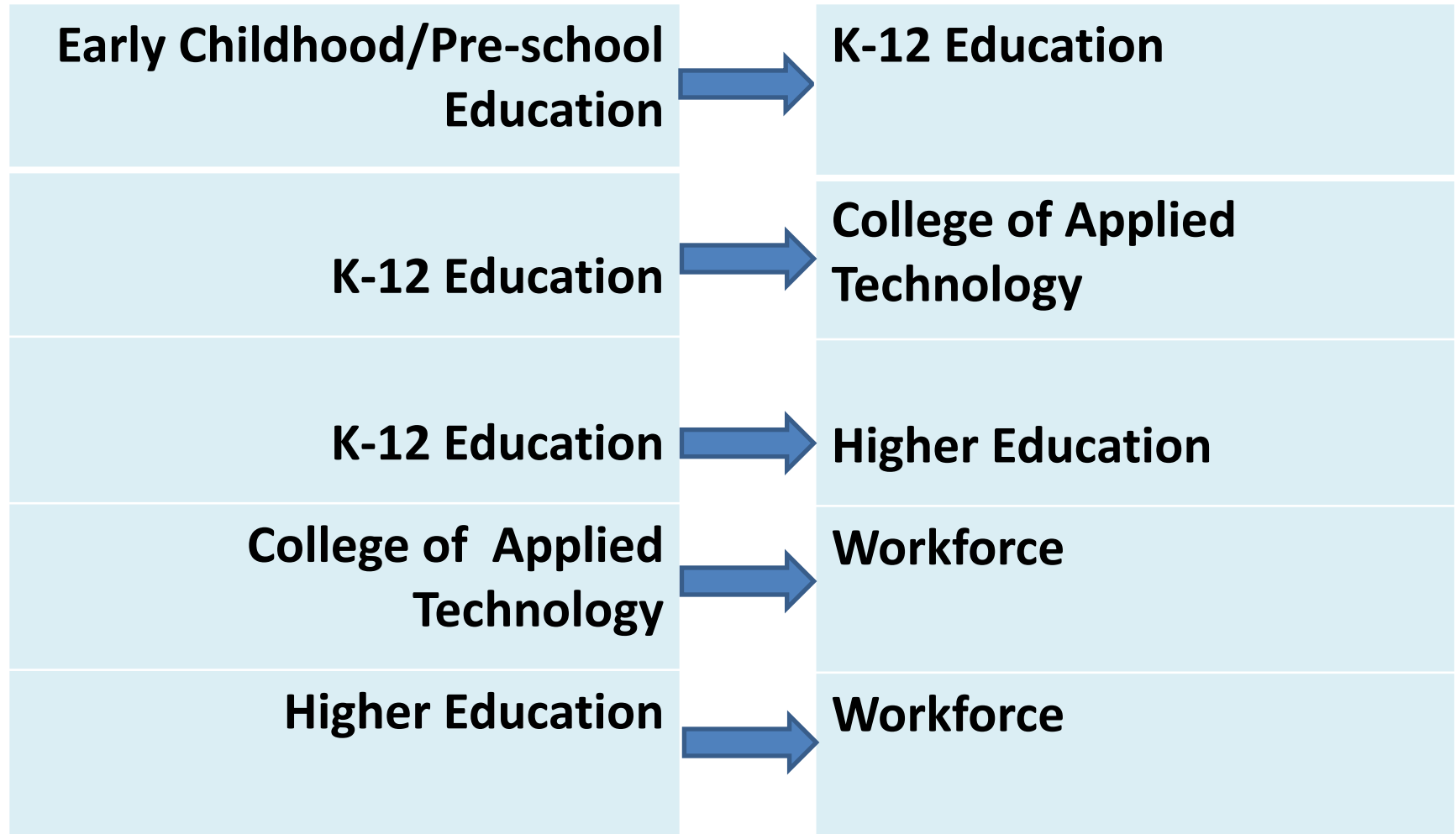
Approved analysts can use redacted data within a prebuilt, accessible, high-quality, and controlled environment to produce timely analyses, reports and research.



UDA Capabilities

- **Allows partners** to use combined data to compile actionable information regarding the effectiveness, efficiency, and quality of programs, policies, and services from early childhood into the workforce
 - **Maximizes** the quality of educational research and analysis by utilizing an integrated and confidential statewide longitudinal data warehouse
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UDA – Provides data to study transitions and outcomes from/to




UDA Uses




The UDA is a data resource providing an analysis, research and reporting framework that assists its partners in finding solutions to a wide range of policy and practice questions and problems.


For example:




Problem: Utah needs to better align degree and certificate programs at Utah's secondary and postsecondary institutions to **targeted industries**.




Solution: **Analyze employment outcomes** for Utah graduates by certificate or major and degree level to identify **workforce gaps** and certificate and degree program needs.







Problem: High school **dropouts** have significantly **higher unemployment** rates, use of social services resources, and decreased contribution to **high-skills** workforce needs.

Solution: Analyze factors that **predict dropouts** and track where students re-engage with the formal education system through adult or postsecondary education and make **policy recommendations** to improve dropout prevention programs and dropout **reengagement** activities.





Other areas of interest


- **Identify factors** that impact **student success**, specifically long-term academic success.
 - **Find barriers** to post-secondary **access, retention** and **completion** to help determine what can be done to **eliminate those barriers**.
 - Explore what **early childhood factors** and experiences impact **later academic success**.
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Active UDA Use Case #1

Data that consists of post-secondary completers and division of workforce unemployment insurance wage records are currently being used as part of a study initiated by the Utah System of Higher Education.

The study looks at the distribution of wages across industry sectors and award levels (certificate, associate degree, bachelor's degree etc.).



This study is being conducted in collaboration with the Georgetown Center on Education and the Workforce. It will help to refine the appropriate degree attainment mix that will drive Utah's economy in a direction that creates new, high paying jobs in targeted industry sectors.



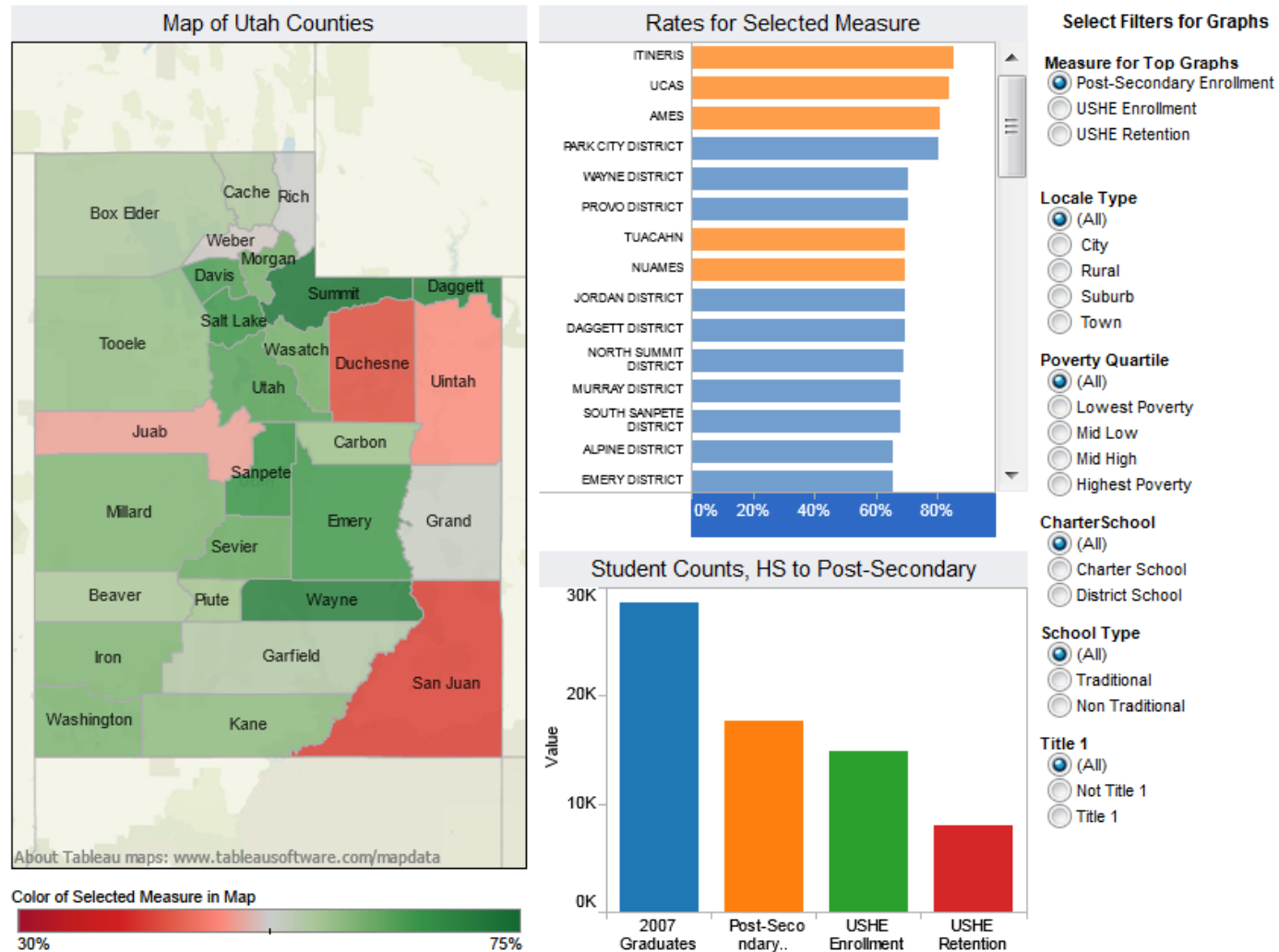
Active UDA Use Case #2

Post-secondary Enrollment and Retention Rates for Utah School Graduates Dashboard

- Histograms including years to first enrollment
- Graphical map of districts
- Includes charter high schools
- Filters include:
 - Enrollment or retention percentages
 - Locale (city, urban, suburb, rural)
 - School type
 - Title 1 or not Title 1
 - Poverty quartile

Dashboard


Post-Secondary Enrollment and Retention Rates for Utah High School Graduates

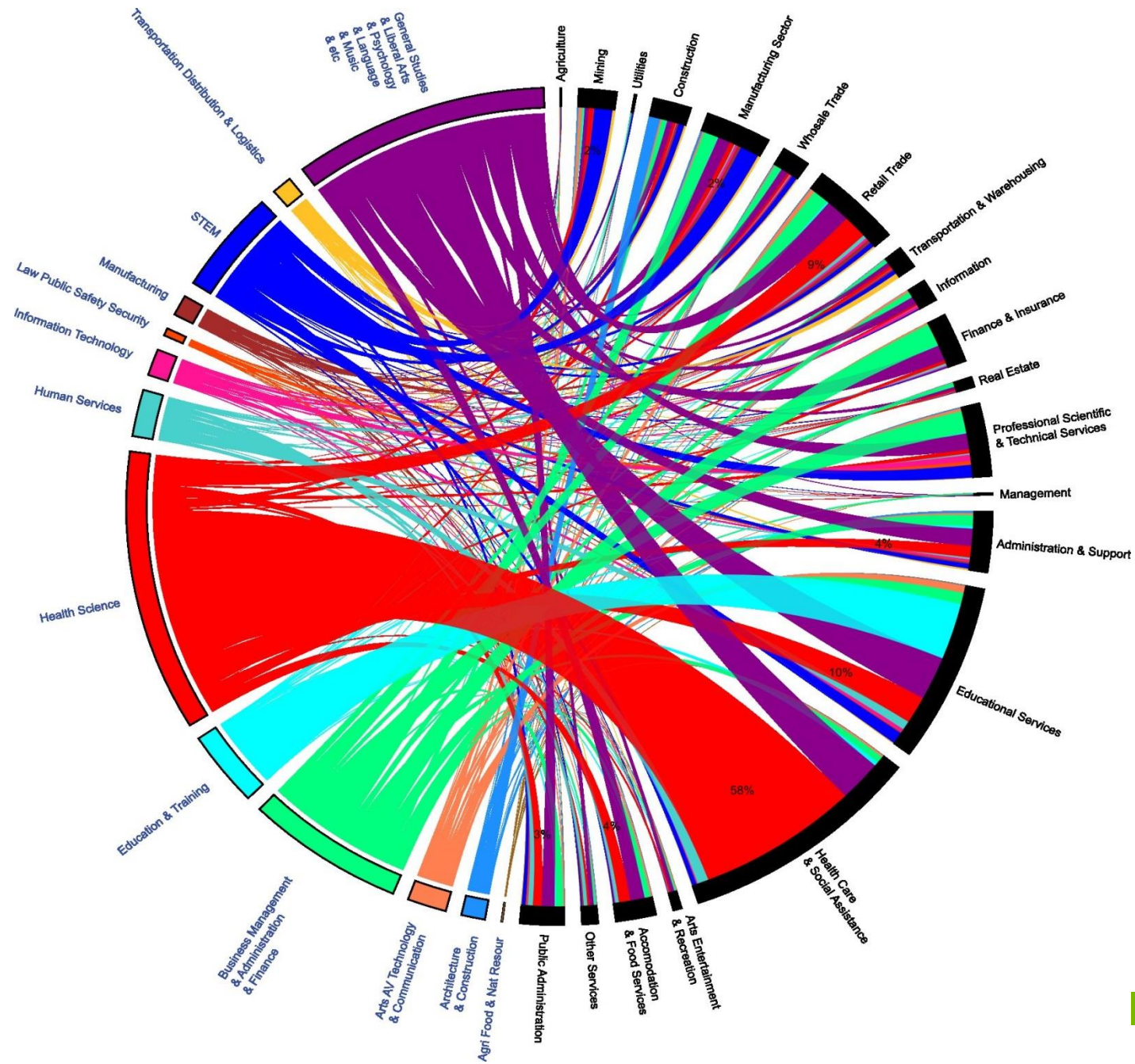




Active UDA Use Case #3



Analysis and measurement of the transition of Utah's college graduates directly into specific industry sectors

- Follows college graduates into specific industry sub-sectors to better align post-secondary outcomes with industry and workforce demands
 - Graphical “circle” map developed by UCAT
 - Wage outcomes and employment rates by college area of study
 - Manufacturing can be disaggregated to plastics, chemical, computer, petroleum, fabrication etc.
 - Can provide annual wages and employment rates by college degree and certificate program
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Thank you for the opportunity to present UDA.

